

What is claimed is:

1. A method of managing risk with the aid of a computer system, said method comprising:

- a. identifying a set of risk elements, said risk elements being stored in a database coupled to said computer;
- b. identifying one or more control procedures associated with each said risk element, said control procedures being stored in said database;
- c. assigning a weight to each said control procedure;
- d. determining a compliance rating for each said control procedure; and
- e. calculating a compliance score, said compliance score being a function of said assigned weights and said compliance rating of said control procedures.

2. The method of claim 1, wherein said compliance ratings comprise at least one rating identifying a non-fully compliant control procedure, said method further

comprising the steps of:

- a. for each said control procedure having a non-fully compliant rating, receiving a signal indicating whether said non-fully compliant rating is accepted or not accepted; and

b. for each said non-fully compliant control procedure which is indicated as not accepted, generating an action plan.

3. The method of claim 2 wherein said action plan include a target date, said method further comprising the step of calculating an expected compliance score for one or more future dates based on said action plan target dates.

4. The method of claim 3 further comprising the step of tracking whether said expected compliance scores have been met, said tracking including calculating actual compliance scores for said target dates.

5. The method of claim 4 further comprising the step of displaying said expected compliance scores versus said actual compliance for said target dates.

6. The method of claim 1 further comprising the step of associating one or more parameters with each said compliance rating.

7. The method of claim 6 wherein said one or more parameters are selected from the group comprising organization, business line, process, and region.

8. The method of claim 6 further comprising the step of sorting said compliance scores by said one or more parameters.

9. The method of claim 8 further comprising the step of displaying said sorted compliance scores.

10. A method of managing risk with the aid of a computer system, said method

comprising:

- a. identifying a set of risk elements, said risk elements being stored in a database coupled to said computer;
- 5 b. identifying one or more subrisk elements associated with each said risk element, each said subrisk element being stored in said database;
- c. identifying one or more control procedures associated with each said subrisk element, said control procedures being stored in said database;
- d. assigning a weight to each said control procedure;
- e. determining a compliance rating for each said control procedure, said compliance ratings including a plurality of categories including at least one category indicating said control procedure is not fully compliant;
- f. calculating a compliance score, said compliance score being a function of said assigned weights and said compliance rating of said control procedures;
- 15 g. for each said subrisk, determining whether at least one control procedures associated with said subrisk is not fully compliant;

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h. for each said subrisk associated with at least one control procedure which is not fully compliant, receiving a signal indicating whether said subrisk should be accepted or not accepted; and

i. for each said subrisk which is indicated as not accepted, generating an action plan.

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11. The method of claim 10 wherein said action plan further includes a target date, said method further comprising the step of calculating a future compliance score based on said action plan target dates.

12. The method of claim 10 further comprising the step of associating one or more parameters with each said compliance rating.

13. The method of claim 12 further comprising the step of sorting said compliance ratings and displaying said sorted ratings.

14. A method of forecasting risk with the aid of a computer system, said method comprising:

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- a. identifying a set of risk elements, said risk elements being stored in a database coupled to said computer;
- b. identifying one or more control procedures associated with each said risk element, said control procedures being stored in said database;
- c. assigning a weight to each said control procedure;

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- d. determining a compliance rating for each said control procedure, said compliance ratings chosen from a set of ratings including at least one rating identifying a non-fully compliant control procedure and at least one rating identifying fully compliant control procedures;
- e. for each said control procedure having a non-fully compliant rating, generating an action plan, said action plan including a target date for at least one action listed therein; and
- f. calculating an expected compliance score for a future date, said expected compliance score being a function of said assigned weights, said fully compliant control procedures, and said action plan target dates for said non-fully compliant control procedures.

15 *15.* The method of claim 14 wherein said action plan comprises a signal indicating whether said non-fully compliant rating is accepted or not accepted, said expected compliance score further being a function of said non-fully compliant ratings which have been accepted.

16. A data processing system for managing risk, said system comprising:

- a. a database;
- b. a processor coupled to said database, said processor being programmed to perform the steps comprising:

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- i. receiving a first signal identifying a set of risk elements, said risk elements being stored in said database;
- ii. receive a second signal identifying one or more control procedures associated with each said risk element, said control procedures being stored in said database;
- iii. receive a third signal assigning a weight to each said control procedure, said weight being stored in said database;
- iv. receive a fourth signal identifying a compliance rating for each said control procedure; and
- v. calculate a compliance score, said compliance score being a function of said assigned weights and said compliance rating of said control procedures.

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17. The data processing system of claim 16, wherein said compliance ratings comprise at least one rating identifying a non-fully compliant control procedure, said processor being further programmed to perform the steps comprising:

- a. for each said control procedure having a non-fully compliant rating, receiving a signal indicating whether said non-fully compliant rating is accepted or not accepted;

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- b. for each said non-fully compliant control procedure which is indicated as not accepted, receiving an action plan, said action plan including an expected target date for implementation and an expected compliance rating; and
- c. generating one or more future expected compliance scores, said compliance scores being a function of said target dates, said assigned weights and said expected compliance rating of said control procedures.

18. The data processing system of claim 16 further comprising a computer display coupled to said processor, said processor further being programmed to display said compliance scores on said computer display.